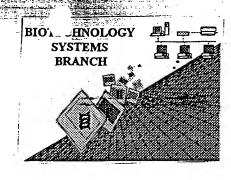
## RAW SEQUENCE LISTING ERROR REPORT





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/680, 12/
Source: 0/PE

Date Processed by STIC: 10-18-00

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

## Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

	ERROR DETECTED	SUGGESTED	CORRECTION	SERIAL NUI	ивек: <u>(</u>	9/680,1.	21
ATTN 1	l: NEW RULES CASES: P Wrapped Nucleics	The number/text : This may occur if	at the end of each line "v your file was retrieved in	HEADERS, WHICH WERE IN trapped" down to the next line. a word processor after creatin his will prevent "wrapping".		Y PTO SOFTWARE	
2	Wrapped Aminos	This may occur i	f your file was retrieved i	each line "wrapped " down to the aword processor after creating will prevent "wrapping".			, ,
3	Incorrect Line Length	The rules require	that a line not exceed 72	characters in length. This incl	ludes spaces	s	
4	Misaligned Amino Acid Numbering			I is misaligned. This may be ca d to delete any tabs and use sp			/
5	Non-ASCII			d, as required by the Sequence on is saved in ASCII text so that		ocessed.	
6	Variable Length	As per the rules, or Please present the	each n or Xaa can only re	ich represented more than one present a single residue. ach residue having variable lenç ne may be missing.			•
7	PatentIn ver. 2.0 "bug"	sequence(s) previously coded to the subsequen	Normally, Panucleic acid sequence.	I the <220>-<223> section to be atentin would automatically gen Please manually copy the releventh applies primarily to the ences.	erate this secant <220>-<	ction from the 223> section	
8	Skipped Sequences (OLD RULES)	(2) INFORMATIO (i) SEQUENCE C (xi) SEQUENCE I	N FOR SEQ ID NO:X:	lease use the following format not insert any headings under	·		ICS")
		Please also adjust	the "(iii) NUMBER OF S	EQUENCES:" response to inc	lude the skip	oped sequence(s).	
9	Skipped Sequences (NEW RULES)	Sequence(s) <210> sequence <400> sequence 000	id number	lease use the following format (	or each skip	ped sequence.	
10	Use of n's or Xaa's (NEW RULES)	Use of <220> to <	223> is MANDATORY if	in the Sequence Listing., n's or Xaa's are present. ocation of n or Xaa, and which	residue n o	r Xaa represents.	
	Use of <213>Organism (NEW RULES)	Sequence(s)	are missing this ma	ndatory field or its response.		. <del>.</del>	
	(NEW RULES)	Use of <220> to <2 Please explain so	223> is MANDATORY if ource of genetic materi	eature and associated headings <213>ORGANISM is "Artificia al in <220> to <223> section. Vol. 63, No. 104, pp. 29	l" or "Unknov		Rules)
13		file, resulting in mis	ssing mandatory numeric	on of PatentIn version 2.0. T identifiers and responses (as i ther means to copy file to flopp	indicated on		١.

OIPE

Does Not Comply

see p 6

DATE: 10/18/2000 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/680,121 TIME: 17:20:29

Input Set : A:\Mueth31.app

Output Set: N:\CRF3\10182000\I680121.raw

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3 <110> APPLICANT: French, Cynthia K.
4 Schneider, Patrick A.
                                                                                        Corrected Diskette Needed
                Yamamoto, Karen K.
       7 <120> TITLE OF INVENTION: Prostate Cancer-Specific Marker
       9 <130> FILE REFERENCE: 107-206-C
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/680,121
      12 <141> CURRENT FILING DATE: 2000-10-04
      14 <150> PRIOR APPLICATION NUMBER: 60/041,246
     15 <151> PRIOR FILING DATE: 1997-03-07
      17 <150> PRIOR APPLICATION NUMBER: 60/047,811
      18 <151> PRIOR FILING DATE: 1997-05-15
      20 <150> PRIOR APPLICATION NUMBER: 09/036,315
      21 <151> PRIOR FILING DATE: 1998-03-06
      23 <150> PRIOR APPLICATION NUMBER: 09/535,597
      24 <151> PRIOR FILING DATE: 2000-03-27
      26 <160> NUMBER OF SEQ ID NOS: 27
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      36 <221> NAME/KEY: CDS
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47 cagcacctcg gacagaacac gcagtaaaaa atg gct ccg atc acc acc agc cgg 174
48 Met Ala Pro Ile Thr Thr Ser Arg
                                                 1
     49
     51 gaa gaa ttt gat gaa atc ccc aca gtg gtg ggg atc ttc agt gca ttt 52 Glu Glu Phe Asp Glu Ile Pro Thr Val Val Gly Ile Phe Ser Ala Phe
                                                             20
     53 · 10
                                     15
     55~\mathrm{ggc} ctg gtc ttc aca gtc tct ctc ttt gca tgg atc tgc tgt cag aga
     56 Gly Leu Val Phe Thr Val Ser Leu Phe Ala Trp Ile Cys Cys Gln Arg
                                30
                                                        35
      59 aaa toa too aag tot aac aag act oot ooa tac aag tit gig oat gig
      60 Lys Ser Ser Lys Ser Asn Lys Thr Pro Pro Tyr Lys Phe Val His Val
                           45
                                                  50
      63 ctt aag gga gtt gat att tac cct gaa aac cta aat agc aaa aag aag
      64 Leu Lys Gly Val Asp Ile Tyr Pro Glu Asn Leu Asn Ser Lys Lys
                                              65
     67 ttt gga gca gat gat aaa aat gaa gta aag aat aag cca gct gtg cca
68 Phe Gly Ala Asp Asp Lys Asn Glu Val Lys Asn Lys Pro Ala Val Pro
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DATE: 10/18/2000 TIME: 17:20:29 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/680,121

Input Set : A:\Mueth31.app
Output Set: N:\CRF3\10182000\1680121.raw

				ttg Leu												462
75 76		ccc		acc Thr												510
				aag Lys												558
				aag Lys 140												606
	_			act Thr					-					_		654
	Ala			gtc Val		Ile										702
96				atg Met												750
	Glu			cat His		Val				. Lei					ı Asp	798
	Pro				Glu				Tyr					Thr	çaa Gln	846
	Ile			ı Leu				Thr					Asp		ttt Phe	894
	Ser		Asp				Glu					Leu			att Ile	942
116		Leu									Glu				aga Arg 280	990
	Asn					Ser				Leu					tgc Cys	1038
123	tat Tyr				aca Thr	aac			Val						cga Arg	1086
127	cat His	_		aaa Lys	tct	-		Gly			-		Tyr	-	aaa Lys	1134
131	gtg Val		ct9 Lev	, tac			aag	aga				Lys			cat His	1182
				tgc	acc	ccc	 gca	gtg	ttc	aat			ttt	gto	ttt	1230

RAW SEQUENCE LISTING

DATE: 10/18/2000 TIME: 17:20:29

PATENT APPLICATION: US/09/680,121

Input Set : A:\Mueth31.app
Output Set: N:\CRF3\10182000\1680121.raw

	Val Lys Ly	-		Ala	Val	Phe		Glu	Leu	Phe	Val		
	345		150				355					360	
	gat att cc		-	-	-		-	•	_		_	-	1278
	Asp Ile Pr	•	ly Leu	Glu.	Asp		Ser	Val	Glu	Phe		Val	
141		365				370					375		
143	ttg gat to	t gaa agg g	igg tcc	cga	aat	gag	gta	atc	ggg	cag	tta	gtc	1326
	Leu Asp Se		ly Ser			Glu	Val	Ile	Gly	Gln	Leu	Val	
145		380			385					390			
	ttg ggt gc												1374
148	Leu Gly Ala	a Ala Ala G	lu Gly		Gly	Gly	Glu	His		Lys	Glu	Ile	
149	39:			400					405				
	tgt gac ta												1422
152	Cys Asp Ty	r Pro Arg A	rg Gln	Ile .	Ala	Lys	Trp	His	Va1	Leu	Cys	Asp	
153	/410		415					420					
155	ggt tagcate	ccta gccgtg	agtt gg	gaact	taaa	ı ggt	tttt	act	aggo	aag	gag		1475
	Gly												
	425												
	aaattttctt												
161	ttgttgttgt	tgctagaaat	ggattg	gaatt	agt	agac	cag	aaag	rtaac	tt	caaat	gtgta	1595
163	ttatgataat	ttccctattt	attaga	lagag	ttg	gata	aat	tttc	ataa	ıga	tatto	caatat	1655
165	ctccttcaga	ttaccagtga	tataac	tagg	aat	agto	aga	catt	ttat	ga .	atact	gtgcc	1715
167	agaatcccaa	attataaatg	tgacaa	ıtctc	att	ggaa	cat	gtca	caaa	aa	gttaa	itgtga	1775
169	ttaagattta	aaaacgaaaa	gtatgo	cttg	cct	tgtg	aaa	attt	atco	at	ttato	cttcag	1835
171	gttgggggaa	atcaatttt	ctttaa	ıtcca	aag	atac	taa	aaaa	atgt	cc	tccag	tttgt	1895
173	atttattaat	tctgtcatgt	gcaaat	ggtt	gto	ctgo	ata	taaa	agta	tc	tggto	catttc	1955
175	agtttggttt	gtaattattt	gatgca	attt	tat	cata	aga	gtaa	ctca	ıga '	ttcat	ttcaa	2015
177	aaggacagtg	aacaagctga	gaaatt	attt	tat	caaa	ggg	ctga	gttg	ag .	aacac	etgtgg	2075
	ctgaaatata												
181	acctcacata	agaaccatgg	ccttgg	ratta	ttc	actg	rcct	gtca	caag	CC .	tcagt	gtggc	2195
183	ctgagaaatc	cctatgtacc	tttgtg	jaaat	tgt	tgaa	tta	gtta	gtga	at	aaaga	aataa	2255
185	acttcaacta	gaaatccagt	tagaag	ıtgca	att	ttct	tat	agga	aata	ıgg	tatag	tgtgc	2315
187	aagtgtactt	ttaaggccat	cgtttg	tacc	cag	agto	ggc	atgg	ccac	ct	aagto	cttcat	2375
189	ttaatttatt	gtcccccaga	aaagat	taag	atg	ctac	ttg	aaaa	gact	gt (	gaaga	itttt	2435
191	tacattgcca	gataaaaagt	gttact	taac	caa	caaa	caa	atgt	aaga	ct	acaaa	atcgt	2495
193	tcaagagcaa	ttctaatata	atttac	atat	gtt	cacg	caa	aata	tgct	ta 4	ggctg	tcaaa	2555
195	ttagcacaac	aaagaatgtg	tttcac	tatc	ttt	tcta	ggc	taat	ttgt	ct	tgago	etgttg	2615
197	tctatagagc	agtttacaga	cttgtg	rtctt	gta	tcat	ttt	ccag	tgcc	ag	ggtto	tgaaa	2675
199	ttcattcaga	acctgttaga	ttaaag	ctgc	acc	ctgt	gat	tatt	tgaa	aa	gaatt	agctt	2735
201	gagagtaatg	tcactatatt	tgagtt	ctta	gag	aagt	atg	agtg	gaac	tt	gagta	cagtt	2795
203	gaattattaa	atatgcaagt	tagaaa	ttaa	gto	tact	gaa	aaat	ttac	at	tttga	gtcag	2855
205	gttttgtgtc	agtactttag	cagttt	ttga	gaa	tgtg	ttt	gata	tcac	ag	tgttt	gtaaa	2915
207	ttctatgaaa	aatgcatttt	ccaaac	aact	tat	acat	gct	tttt	atga	ct a	atgcc	taatg	2975
209	taaagaaaat	gtattacatt	ctgtat	gtac	aaa	gatt	aaa	aato	aacc	tc i	tttt	tgtgc	3035
	tttaaaatga												3095
	aaagtcacct												3155
	ctgtagtagg												3215
	tcatgggccg												3275
	aagtattett												3335
	cgaggccgat												3395
	5			<b>J</b> J		,							

RAW SEQUENCE LISTING

DATE: 10/18/2000

PATENT APPLICATION: US/09/680,121

TIME: 17:20:29

Input Set : A:\Mueth31.app

Output Set: N:\CRF3\10182000\I680121.raw

223 ttaaaatgga taatttgtaa atagttttta gcttttaaaaa tttaaagtgt ttttgagtgt 3455 225 gaaaagttga gtaaaactat ttgcaactgg ttttcagaaa agagaaaaga aacaacaaag 3515 227 gaattgaaac aggcagggag atcttaatac ctaatttcat catttctgca aaatgtactg 3575 229 ttttagaatg tattacaata tcaatgtgaa tatcttgaat cctgttacaa atcctgcact 3635 231 gtattaaaca tgtaaattaa ttgtttgtct gattagccaa tctcaccacc caaatgggga 3695 233 ggtatacatg tttgaagaac gtgtaactcg gtaattgatt tgttctgatg ttgtaactca 3755 235 atagaagtgt tttggaagga agcatggtgt gtgagacagt gtctgttctt ttgtgccagc 3815 237 tetgtatgat gtttgtaaga ceatgtttgtaagacatgaa taaattgetg ettttgeeca 3875 239 aaaaaaaaa aaaaaa 242 <210> SEQ ID NO: 2 243 <211> LENGTH: 425 244 <212> TYPE: PRT 245 <213> ORGANISM: Homo sapiens 246 <223> OTHER INFORMATION: product = Repro-PC-1.0 248 <400> SEQUENCE: 2 249 Met Ala Pro Ile Thr Thr Ser Arg Glu Glu Phe Asp Glu Ile Pro Thr 1 5 252 Val Val Gly Ile Phe Ser Ala Phe Gly Leu Val Phe Thr Val Ser Leu 253 20 30 255 Phe Ala Trp Ile Cys Cys Gln Arg Lys Ser Ser Lys Ser Asn Lys Thr 256 35 40 45 258 Pro Pro Tyr Lys Phe Val His Val Leu Lys Gly Val Asp Ile Tyr Pro 259 50 60 261 Glu Asn Leu Asn Ser Lys Lys Lys Phe Gly Ala Asp Asp Lys Asn Glu 262 65 70 75 80 264 Val Lys Asn Lys Pro Ala Val Pro Lys Asn Ser Leu His Leu Asp Leu 265 90 95 267 Glu Lys Arg Asp Leu Asn Gly Asn Phe Pro Lys Thr Asn Leu Lys Pro 268  $\phantom{\bigg|}100\phantom{\bigg|}105\phantom{\bigg|}110\phantom{\bigg|}$ 270 Gly Ser Pro Ser Asp Leu Glu Asn Ala Thr Pro Lys Leu Phe Leu Glu 271 115 120 125 273 Gly Glu Lys Glu Ser Val Ser Pro Glu Ser Leu Lys Ser Ser Thr Ser 274 130 135 140 276 Leu Thr Ser Glu Glu Lys Gln Glu Lys Leu Gly Thr Leu Phe Phe Ser 277 145 150 155 160 282 Ala Arg Gly Leu Pro Ala Met Asp Glu Gln Ser Met Thr Ser Asp Pro 283 185 189 285 Tyr Ile Lys Met Thr Ile Leu Pro Glu Lys Lys His Lys Val Lys Thr 286  $\phantom{\bigg|}$  195  $\phantom{\bigg|}$  200  $\phantom{\bigg|}$  205 288 Arg Val Leu Arg Lys Thr Leu Asp Pro Ala Phe Asp Glu Thr Phe Thr 289 210 215 220 291 Phe Tyr Gly Ile Pro Tyr Thr Gln Ile Gln Glu Leu Ala Leu His Phe 292 225 230 235 240 294 Thr Ile Leu Ser Phe Asp Arg Phe Ser Arg Asp Asp Ile Ile Gly Glu 295 245 250 255 297 Val Leu Ile Pro Leu Ser Gly Ile Glu Leu Ser Glu Gly Lys Met Leu 298 260 265 270

09/680,12/

Seg # 11 <210> 11 <211> 9 <212> PRT <213> Homo sapiens <220> <223> residue 1=Thr, Ser or Met <220> <223> residue 2=Asp, Glu, Ala, Ser or Thr (Xaa)(Xaa) Xaa Xaa Xaa Xaa Xaa Xaa Tyr OK

All "Xaa's" in the sequence most be explained. See #10 on Error Summery Sheet. This error is indicated throughout the sequence listing.

¥ F.Y.1.

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 10/18/2000 TIME: 17:20:30

PATENT APPLICATION: US/09/680,121

Input Set : A:\Mueth31.app

Output Set: N:\CRF3\10182000\1680121.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number L:648 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:11 L:648 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:11  $L:648 \ M:340 \ W:$  (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11  $L:664\ M:258\ W:$  Mandatory Feature missing, <221> not found for SEQ ID#:12 L:664 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:12 L:664 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:12  $L:677\ M:258\ W:$  Mandatory Feature missing, <221> not found for SEQ ID#:13 L:677 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13 L:677 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:13 L:690 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:14 L:690 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:14 L:690 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:14 L:707 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:15 L:707 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:15 L:707 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:15 L:724 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:16 L:724 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:16 L:724 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:16 L:737 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17 L:737 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17 L:737 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:17 L:750 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:18 L:750 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:18 L:750 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:18 L:766 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:19 L:766 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:19  $L:766 \ M:340 \ W: (46)$  "n" or "Xaa" used: Feature required, for SEQ ID#:19  $L:779\ M:258\ W:$  Mandatory Feature missing, <221> not found for SEQ ID#:20 L:779 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20 L:779 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:20 L:885 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:27 L:885 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:27 L:885 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:27



Creation date: 12-20-2003

Indexing Officer: TBUI1 - THU-TRANG BUI

Team: OIPEBackFileIndexing

Dossier: 09680121

Legal Date: 11-11-2002

No.	Doccode	Number of pages
1	C.AD	1

Total number of pages: 1

Remarks:

Order of re-scan issued on .....